WIRELESS

SMCWUSBS-N

Draft 11n Wireless USB2.0 Adapter

OVERVIEW

The EZ Connect™ N Draft 11n Wireless USB2.0 Adapter (SMCWUSBS-N) enables Wireless-N connectivity to your desktop or notebook computer and provides improved throughput and range than existing 802.11g technology. Upgrading to Wireless-N is an excellent solution for browsing the Internet and sharing files such as video, music and photos. The SMCWUSBS-N is Wi-Fi CERTIFIED™ for full compliance with the 802.11n draft v2.0 standard, as well as the popular Wireless-G (802.11g) and Wireless-B (802.11b) standards. This next generation standard utilizes advanced MIMO (Multiple-In, Multiple-Out) technology to deliver incredible speed and range. With security being a key consideration, the latest WPA and WPA2 wireless encryption standards are supported, which prevent unauthorized access to wireless networks and ensure data is secure. Wireless security can also be set up easily using Wi-Fi Protected Setup™ (WPS) that enables push button or PIN configuration. To extend functionality further, the SMCWUSBS-N also supports Soft AP mode. This enables it to function as a wireless Access Point so that associated clients can share an Internet connection, files, printers, and other network services. Finally the SMCWUSBS-N includes an easy installation wizard which guides you step-by-step through the install process. Once installed the WLAN utility allows you to scan for available wireless networks and manage multiple network profiles so connecting becomes instantaneous.

FEATURES	BENEFITS
Wireless-N (802.11n draft) compliant	Delivers improved throughput and range than existing 802.11g technology.
802.11b/g compliant	Full backwards compatibility with Wireless-G (802.11g) and Wireless-B (802.11b) standard products.
WPA/WPA2 Encryption	Prevents unauthorized access to your wireless network and insures your data is secure.
Wi-Fi Protected Set-up™ (WPS)	Makes wireless security setup easy with push button or PIN configuration.
Soft AP mode	Can function as a wireless Access Point so that associated clients can share an Internet connection, files, printers, and other network services.
Web-Based management interface	Easy installation with step-by-step guidance.

TECHNICAL SPECIFICATIONS

SMCWUSBS-N

PHYSICAL
- Link/Activity status LED
- WPS Auth status LED
- WPS push button

WIRELESS OPERATING MODES
- Ad-hoc mode
- Infrastructure mode
- Soft AP mode

EASE OF USE
- EZ Installation Wizard
- Wi-Fi Protected Setup™ - PBC and PIN
- Site survey utility
- Profile manager

SECURITY FEATURES
- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre Shared Key)
- WPA/WPA2 Enterprise mode (802.1x)
- Access Control (Soft AP mode only)

QUALITY-OF-SERVICE (QoS)
- WMM (Wi-Fi Multimedia)

STANDARDS
- IEEE802.11b, IEEE802.11g, IEEE802.11n draft v2.0

OPERATING FREQUENCY
- USA - FCC: 2412~2462MHz (Ch1~Ch11)
- Canada – IC: 2412~2462MHz (Ch1~Ch11)
- Europe - ETSI: 2412~2472MHz (Ch1~Ch13)

TYPICAL RF OUTPUT POWER
- 11n Mode: 14.5dBm +/- 1dBm
- 11g Mode: 14.5dBm +/- 1 dBm
- 11b Mode : 17.5dBm +/- 1dBm

TEMPERATURE
- Operating: -10 degrees C to 50 degrees C
- Storage: -10 degrees C to 70 degrees C

HUMIDITY
- Storage: 5% to 90% Non-condensing
- Operating: 0% to 70% Non-condensing

DIMENSIONS
- 82 x 26 x 11 mm
- 3.23 x 1.02 x 0.43 in

WEIGHT
- 0.018kg
- 0.0396lbs

CERTIFICATIONS
- FCC
- CE

SYSTEM REQUIREMENTS
- 2.4 GHz 802.11n draft wireless network or 2.4 GHz 802.11b/g wireless network
- Microsoft Windows 2000 , XP or Vista
- A Notebook or Desktop computer with:
  - 300MHz CPU or above
  - Available USB2.0 port
  - 20MB of available hard disk space
  - CD-ROM drive
- We recommend using this product with SMC's Barricade™ N Routers

PACKAGE CONTENTS
- EZ Connect™ N Wireless USB2.0 Adapter (SMCWUSBS-N)
- EZ Installation Wizard & Documentation CD
- Quick Installation Guide
- Warranty Information Card

WARRANTY
- Limited Lifetime

* The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance

* The Wi-Fi Protected Setup Mark is a mark of the Wi-Fi Alliance

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